

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Currently Amended) A power circular saw, comprising:

(a) a housing;

(b) a base plate having a width and fastened to the housing; and

(c) a motor assembly attached to the housing and coupled to a tool connector adapted to releasably receive a saw blade having a diameter, the motor assembly and housing having a width no greater than the base plate width, the motor assembly having a length to diameter ratio that is substantially in a range of 1:1.5 and 1:4.5, the motor assembly is positioned radially within the diameter of the saw blade when the saw blade is attached to the tool connector.

17. (Original) The power circular saw of Claim 16, wherein the motor assembly length and diameter is substantially one inch and 4.5 inches, respectively.

18. (Original) The power circular saw of Claim 16, wherein the base plate width is substantially five inches.

19. (Original) The power circular saw of Claim 16, wherein the motor assembly and housing are pivotably attached to the base plate for selective swinging motion of the motor assembly and housing between a predetermined range of motion.

20. (Original) The power circular saw of Claim 16, wherein the motor comprises a printed circuit board disposed between first and second coil assemblies.

21. (Original) The power circular saw of Claim 20, wherein each coil assembly having a plurality of coils, where adjacent coils are nested within each other.

22. (Original) The power circular saw of Claim 16, further comprising an adjustable exhaust assembly integrally formed with the housing.

23. (Original) The power circular saw of Claim 16, further comprising a first base plate extension removably fastened to the base plate.

24. (Currently Amended) A power circular saw, comprising:

(a) a housing;

(b) a base plate having a width and fastened to the housing; and

(c) a motor assembly attached to the housing and coupled to a tool connector adapted to releasably receive a saw blade having a diameter, the motor assembly and housing having a width no greater than the base plate width, the motor assembly having a length to diameter ratio that is between a range of about 1:1.5 and 1:4.5, the motor comprising an output shaft having a length, wherein the motor is attached to the housing such that an axis extending through the length of output shaft is within the diameter of the saw blade, the motor assembly is positioned radially within the diameter of the saw blade when the saw blade is attached to the tool connector.

25. (Currently Amended) A power circular saw, comprising:

(a) a housing;

(b) a base plate having a width of five inches and fastened to the housing; and

(c) a motor assembly attached to the housing and coupled to a tool connector adapted to releasably receive a saw blade having a diameter, the motor assembly and housing having a width no greater than the base plate width, the motor assembly having a length to diameter ratio that is substantially in a range of 1:1.5 and 1:4.5, the motor assembly is positioned

radially within the diameter of the saw blade when the saw blade is attached to the tool connector.

26. (Original) A power circular saw, comprising:
- (a) a housing;
 - (b) a base plate having a width and fastened to the housing; and
 - (c) a motor assembly attached to the housing and coupled to a tool connector adapted to releasably receive a saw blade, the motor assembly and housing having a width no greater than the base plate width, the motor assembly comprising:
 - (i) first and second rotor assemblies; and
 - (ii) a stator assembly disposed between the first and second rotor assemblies, the stator assembly having a printed circuit board disposed between a plurality of nested coil windings, the motor assembly having a length to diameter ratio that is at least 1:1.5.